APPENDIX A2

CLASSIFICATIONS AND CODING STANDARDS, ESS3-2006, ED. 3.3

Occupation: ISCO-88 (com) 2
Industry: NACE Rev.1.1 11
Country: ISO 3166-1 13
Language: ISO 639-2 18
Education: EDULVLA, based on ISCED-97 26
Education: EISCED, European survey version of ISCED-97, ES-ISCED 27

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ISCO-88 (COM)
Coding framework for ESS3-2006

Compiled by: Norwegian Social Science Data Services on the basis of *ILO* International Standard Classification of Occupation: *ISCO-88* (*International Labour Office, Geneva 1990*) and the *Establishment of Community-Wide Occupational Statistics ISCO-88 (COM) A Guide for Users (Peter Elias and Margaret Birch 1994).*

0	Armed forces
01	Armed forces
010	Armed forces
0100	Armed forces
1	Legislators, senior officials and managers
11	Legislators and senior officials
111	Legislators and senior government officials
1110	Legislators and senior government officials
114	Senior officials of special-interest organisations
1141	Senior officials of political-party organisations
1142	Senior officials of employers', workers' and other economic-interest organisations
1143	Senior officials of humanitarian and other special-interest organisations
12	Corporate managers
121	Directors and chief executives
1210	Directors and chief executives
122	Production and operations managers
1221	Production and operations managers in agriculture, hunting, forestry and fishing
1222	Production and operations managers in manufacturing
1223	Production and operations managers in construction
1224	Production and operations managers in wholesale and retail trade
1225	Production and operations managers in restaurants and hotels
1226	Production and operations managers in transport, storage and communications
1227	Production and operations managers in business services enterprises
1228	Production and operations managers in personal care, cleaning and related services
1229	Production and operations managers not elsewhere classified
123	Other specialist managers
1231	Finance and administration managers
1232	Personnel and industrial relations managers
1233	Sales and marketing managers
1234	Advertising and public relations managers
1235	Supply and distribution managers
1236	Computing services managers
1237	Research and development managers
1239	Other specialist managers not elsewhere classified
13	Managers of small enterprises
131	Managers of small enterprises
1311	Managers of small enterprises in agriculture, hunting, forestry and fishing
1312	Managers of small enterprises in manufacturing
1313	Managers of small enterprises in construction
1314	Managers of small enterprises in wholesale and retail trade
1315	Managers of small enterprises of restaurants and hotels
1316	Managers of small enterprises in transport, storage and communications
1317	Managers of small enterprises of business services enterprises
1318	Managers of small enterprises in personal care, cleaning and related services
1319	Managers of small enterprises not elsewhere classified
2	Professionals
21	Physical, mathematical and engineering science professionals
211	Physicists, chemists and related professionals
2111	Physicists and astronomers
2112	Meteorologists
2113	Chemists
2114	Geologists and geophysicists
212	Mathematicians, statisticians and related professionals
2121	Mathematicians and related professionals
2122	Statisticians

213	Computing professionals
2131	Computer systems designers, analysts and programmers
2139	Computing professionals not elsewhere classified
214	Architects, engineers and related professionals
2141	Architects, town and traffic planners
2142	Civil engineers
2143	Electrical engineers
2144	Electronics and telecommunications engineers
2145	Mechanical engineers
2146	Chemical engineers
2147	Mining engineers, metallurgists and related professionals
2148	Cartographers and surveyors
2149	Architects, engineers and related professionals not elsewhere classified
22	Life science and health professionals
221	Life science professionals
2211	Biologists, botanists, zoologists and related professionals
2212	Pharmacologists, pathologists and related professionals
2213	Agronomists and related professionals
222	Health professionals (except nursing)
2221	Medical doctors
2222	Dentists
2223	Veterinarians
2224	Pharmacists
2229	Health professionals (except nursing) not elsewhere classified
223	Nursing and midwifery professionals
2230	Nursing and midwifery professionals
23	Teaching professionals
231	College, university and higher education teaching professionals
2310	College, university and higher education teaching professionals
232	Secondary education teaching professionals
2320	Secondary education teaching professionals
233	Primary and pre-primary education teaching professionals
2331	Primary education teaching professionals
2332	Pre-primary education teaching professionals
234	Special education teaching professionals
2340	Special education teaching professionals
235	Other teaching professionals
2351	Education methods specialists
2352	School inspectors
2359	Other teaching professionals not elsewhere classified
24	Other professionals
241	Business professionals
2411	Accountants
2412	Personnel and careers professionals
2419	Business professionals not elsewhere classified
242	Legal professionals
2421	Lawyers
2422	Judges
2429	Legal professionals not elsewhere classified
243	Archivists, librarians and related information professionals
2431	Archivists and curators
2432	Librarians and related information professionals
244	Social science and related professionals
2441	Economists
2442	Sociologists, anthropologists and related professionals
2443	Philosophers, historians and political scientists
2444	Philologists, translators and interpreters
2445	Psychologists
2446	Social work professionals
245	Writers and creative or performing artists
2451	Authors, journalists and other writers
2452	Sculptors, painters and related artists
2453	Composers, musicians and singers
2454	Choreographers and dancers

2455 Film, stage and related actors and directors
246 Religious professionals
2460 Religious professionals
247 Public service administrative professionals
2470 Public service administrative professionals
3 Technicians and associate professionals
31 Physical and engineering science associate professionals
311 Physical and engineering science technicians
3111 Chemical and physical science technicians
3112 Civil engineering technicians
3113 Electrical engineering technicians
3114 Electronics and telecommunications engineering technicians
3115 Mechanical engineering technicians
3116 Chemical engineering technicians
3117 Mining and metallurgical technicians
3118 Draughtspersons
3119 Physical and engineering science technicians not elsewhere classified
312 Computer associate professionals
3121 Computer assistants
3122 Computer equipment operators
3123 Industrial robot controllers
313 Optical and electronic equipment operators
3131 Photographers and image and sound recording equipment operators
3132 Broadcasting and telecommunications equipment operators
3133 Medical equipment operators
3139 Optical and electronic equipment operators not elsewhere classified
314 Ship and aircraft controllers and technicians
3141 Ships' engineers
3142 Ships' deck officers and pilots
3143 Aircraft pilots and related associate professionals
3144 Air traffic controllers
3145 Air traffic safety technicians
315 Safety and quality inspectors
3151 Building and fire inspectors
3152 Safety, health and quality inspectors
32 Life science and health associate professionals
321 Life science technicians and related associate professionals
3211 Life science technicians
3212 Agronomy and forestry technicians
3213 Farming and forestry advisers
322 Health associate professionals (except nursing)
3221 Medical assistants
3222 Hygienists, health and environmental officers
3223 Dieticians and nutritionists
3224 Optometrists and opticians
3225 Dental assistants
3226 Physiotherapists and related associate professionals
3227 Veterinary assistants
3228 Pharmaceutical assistants
3229 Health associate professionals (except nursing) not elsewhere classified
323 Nursing and midwifery associate professionals
3231 Nursing associate professionals
3232 Midwifery associate professionals
33 Teaching associate professionals
331 Primary education teaching associate professionals
3310 Primary education teaching associate professionals
332 Pre-primary education teaching associate professionals
3320 Pre-primary education teaching associate professionals
333 Special education teaching associate professionals
3330 Special education teaching associate professionals
334 Other teaching associate professionals
3340 Other teaching associate professionals
34 Other associate professionals
341 Finance and sales associate professionals

3411 Securities and finance dealers and brokers
3412 Insurance representatives
3413 Estate agents
3414 Travel consultants and organisers
3415 Technical and commercial sales representatives
3416 Buyers
3417 Appraisers, valuers and auctioneers
3419 Finance and sales associate professionals not elsewhere classified
342 Business services agents and trade brokers
3421 Trade brokers
3422 Clearing and forwarding agents
3423 Employment agents and labour contractors
3429 Business services agents and trade brokers not elsewhere classified
343 Administrative associate professionals
3431 Administrative secretaries and related associate professionals
3432 Legal and related business associate professionals
3433 Bookkeepers
3434 Statistical, mathematical and related associate professionals
344 Customs, tax and related government associate professionals
3441 Customs and border inspectors
3442 Government tax and excise officials
3443 Government social benefits officials
3444 Government licensing officials
3449 Customs, tax and related government associate professionals not elsewhere classified
345 Police inspectors and detectives
3450 Police inspectors and detectives
346 Social work associate professionals
3460 Social work associate professionals
347 Artistic, entertainment and sports associate professionals
3471 Decorators and commercial designers
3472 Radio, television and other announcers
3473 Street, night-club and related musicians, singers and dancers
3474 Clowns, magicians, acrobats and related associate professionals
3475 Athletes, sportspersons and related associate professionals
348 Religious associate professionals
3480 Religious associate professionals
4 Clerks
41 Office clerks
411 Secretaries and keyboard-operating clerks
4111 Stenographers and typists
4112 Word-processor and related operators
4113 Data entry operators
4114 Calculating-machine operators
4115 Secretaries
412 Numerical clerks
4121 Accounting and bookkeeping clerks
4122 Statistical and finance clerks
413 Material-recording and transport clerks
4131 Stock clerks
4132 Production clerks
4133 Transport clerks
414 Library, mail and related clerks
4141 Library and filing clerks
4142 Mail carriers and sorting clerks
4143 Coding, proof-reading and related clerks
4144 Scribes and related workers
419 Other office clerks
4190 Other office clerks
42 Customer services clerks
421 Cashiers, tellers and related clerks
4211 Cashiers and ticket clerks
4212 Tellers and other counter clerks
4213 Bookmakers and croupiers
4214 Pawnbrokers and money-lenders

4215	Debt-collectors and related workers
422	Client information clerks
4221	Travel agency and related clerks
4222	Receptionists and information clerks
4223	Telephone switchboard operators
5	Service workers and shop and market sales workers
51	Personal and protective services workers
511	Travel attendants and related workers
5111	Travel attendants and travel stewards
5112	Transport conductors
5113	Travel guides
512	Housekeeping and restaurant services workers
5121	Housekeepers and related workers
5122	Cooks
5123	Waiters, waitresses and bartenders
513	Personal care and related workers
5131	Child-care workers
5132	Institution-based personal care workers
5133	Home-based personal care workers
5139	Personal care and related workers not elsewhere classified
514	Other personal services workers
5141	Hairdressers, barbers, beauticians and related workers
5142	Companions and valets
5143	Undertakers and embalmers
5149	Other personal services workers not elsewhere classified
516	Protective services workers
5161	Fire-fighters
5162	Police officers
5163	Prison guards
5169	Protective services workers not elsewhere classified
52	Models, salespersons and demonstrators
521	Fashion and other models
5210	Fashion and other models
522	Shop, stall and market salespersons and demonstrators
5220	Shop, stall and market salespersons and demonstrators
6	Skilled agricultural and fishery workers
61	Skilled agricultural and fishery workers
611	Market gardeners and crop growers
6111	Field crop and vegetable growers
6112	Gardeners, horticultural and nursery growers
612	Animal producers and related workers
6121	Dairy and livestock producers
6122	Poultry producers
6129	Animal producers and related workers not elsewhere classified
613	Crop and animal producers
6130	Crop and animal producers
614	Forestry and related workers
6141	Forestry workers and loggers
6142	Charcoal burners and related workers
615	Fishery workers, hunters and trappers
6151	Aquatic-life cultivation workers
6152	Inland and coastal waters fishery workers
6153	Deep-sea fishery workers
6154	Hunters and trappers
7	Craft and related trades workers
71	Extraction and building trade workers
711	Miners, shotfirers, stone cutters and carvers
7111	Miners and quarry workers
7112	Shotfirers and blasters
7113	Stone splitters, cutters and carvers
712	Building frame and related trades workers
7121	Builders
7122	Bricklayers and stonemasons
7123	Concrete placers, concrete finishers and related workers

7124 Carpenters and joiners
7129 Building frame and related trades workers not elsewhere classified
713 Building finishers and related trades workers
7131 Roofers
7132 Floor layers and tile setters
7133 Plasterers
7134 Insulation workers
7135 Glaziers
7136 Plumbers and pipe fitters
7137 Building and related electricians
7139 Building finishers and related trade workers not elsewhere classified
714 Painters, building structure cleaners and related trades workers
7141 Painters and related workers
7143 Building structure cleaners
72 Metal, machinery and related trades workers
721 Metal moulders, welders, sheet-metal workers, structural-metal preparers, and related trades workers
7211 Metal moulders and coremakers
7212 Welders and flamecutters
7213 Sheet-metal workers
7214 Structural-metal preparers and erectors
7215 Riggers and cable splicers
7216 Underwater workers
722 Blacksmiths, tool-makers and related trades workers
7221 Blacksmiths, hammer-smiths and forging-press workers
7222 Tool-makers and related workers
7223 Machine-tool setters and setter-operators
7224 Metal wheel-grinders, polishers and tool sharpeners
723 Machinery mechanics and fitters
7231 Motor vehicle mechanics and fitters
7232 Aircraft engine mechanics and fitters
7233 Agricultural- or industrial-machinery mechanics and fitters
724 Electrical and electronic equipment mechanics and fitters
7241 Electrical mechanics, fitters and servicers
7242 Electronics mechanics, fitters and servicers
7244 Telegraph and telephone installers and servicers
7245 Electrical line installers, repairers and cable jointers
73 Precision, handicraft, printing and related trades workers
731 Precision workers in metal and related materials
7311 Precision-instrument makers and repairers
7312 Musical instrument makers and tuners
7313 Jewellery and precious-metal workers
732 Potters, glass-makers and related trades workers
7321 Abrasive wheel formers, potters and related workers
7322 Glass-makers, cutters, grinders and finishers
7323 Glass engravers and etchers
7324 Glass, ceramics and related decorative painters
733 Handicraft workers in wood, textile, leather and related materials
7331 Handicraft workers in wood and related materials
7332 Handicraft workers in textile, leather and related materials
734 Craft printing and related trades workers
7341 Compositors, typesetters and related workers
7342 Stereotypers and electrotypers
7343 Printing engravers and etchers
7344 Photographic and related workers
7345 Bookbinders and related workers
7346 Silk-screen, block and craft textile printers
74 Other craft and related trades workers
741 Food processing and related trades workers
7411 Butchers, fishmongers and related food preparers
7412 Bakers, pastry-cooks and confectionery makers
7413 Dairy products workers
7414 Fruit, vegetable and related preservers
7415 Food and beverage tasters and graders

7416 Tobacco preparers and tobacco products makers
742 Wood treaters, cabinet-makers and related trades workers
7421 Wood treaters
7422 Cabinetmakers and related workers
7423 Woodworking machine setters and setter-operators
7424 Basketry weavers, brush makers and related workers
743 Textile, garment and related trades workers
7431 Fibre preparers
7432 Weavers, knitters and related workers
7433 Tailors, dressmakers and hatters
7434 Furriers and related workers
7435 Textile, leather and related pattern-makers and cutters
7436 Sewers, embroiderers and related workers
7437 Upholsterers and related workers
744 Pelt, leather and shoemaking trades workers
7441 Pelt dressers, tanners and fellmongers
7442 Shoe-makers and related workers
8 Plant and machine operators and assemblers
81 Stationary plant and related operators
811 Mining and mineral-processing-plant operators
8111 Mining plant operators
8112 Mineral-ore- and stone-processing-plant operators
8113 Well drillers and borers and related workers
812 Metal-processing plant operators
8121 Ore and metal furnace operators
8122 Metal melters, casters and rolling-mill operators
8123 Metal-heat-treating-plant operators
8124 Metal drawers and extruders
813 Glass, ceramics and related plant operators
8131 Glass and ceramics kiln and related machine operators
8139 Glass, ceramics and related plant operators not elsewhere classified
814 Wood-processing- and papermaking-plant operators
8141 Wood-processing-plant operators
8142 Paper-pulp plant operators
8143 Papermaking-plant operators
815 Chemical-processing-plant operators
8151 Crushing-, grinding- and chemical-mixing machinery operators
8152 Chemical-heat-treating-plant operators
8153 Chemical-filtering- and separating-equipment operators
8154 Chemical-still and reactor operators (except petroleum and natural gas)
8155 Petroleum- and natural-gas-refining-plant operators
8159 Chemical-processing-plant operators not elsewhere classified
816 Power-production and related plant operators
8161 Power-production plant operators
8162 Steam-engine and boiler operators
8163 Incinerator, water-treatment and related plant operators
817 Industrial robot operators
8170 Industrial robot operators
82 Machine operators and assemblers
821 Metal- and mineral-products machine operators
8211 Machine-tool operators
8212 Cement and other mineral products machine operators
822 Chemical-products machine operators
8221 Pharmaceutical- and toiletry-products machine operators
8222 Ammunition- and explosive-products machine operators
8223 Metal finishing-, plating- and coating-machine operators
8224 Photographic-products machine operators
8229 Chemical-products machine operators not elsewhere classified
823 Rubber- and plastic-products machine operators
8231 Rubber-products machine operators
8232 Plastic-products machine operators
824 Wood-products machine operators
8240 Wood-products machine operators
825 Printing-, binding- and paper-products machine operators

8251 Printing-machine operators
8252 Bookbinding-machine operators
8253 Paper-products machine operators
826 Textile-, fur- and leather-products machine operators
8261 Fibre-preparing-, spinning- and winding-machine operators
8262 Weaving- and knitting-machine operators
8263 Sewing-machine operators
8264 Bleaching-, dyeing- and cleaning-machine operators
8265 Fur- and leather-preparing-machine operators
8266 Shoemaking- and related machine operators
8269 Textile-, fur- and leather-products machine operators not elsewhere classified
827 Food and related products machine operators
8271 Meat- and fish-processing-machine operators
8272 Dairy-products machine operators
8273 Grain- and spice-milling-machine operators
8274 Baked-goods, cereal and chocolate-products machine operators
8275 Fruit-, vegetable- and nut-processing-machine operators
8276 Sugar production machine operators
8277 Tea-, coffee-, and cocoa-processing-machine operators
8278 Brewers-, wine and other beverage machine operators
8279 Tobacco production machine operators
828 Assemblers
8281 Mechanical-machinery assemblers
8282 Electrical-equipment assemblers
8283 Electronic-equipment assemblers
8284 Metal-, rubber- and plastic-products assemblers
8285 Wood and related products assemblers
8286 Paperboard, textile and related products assemblers
8287 Composite products assemblers
829 Other machine operators not elsewhere classified
8290 Other machine operators not elsewhere classified
83 Drivers and mobile plant operators
831 Locomotive engine drivers and related workers
8311 Locomotive engine drivers
8312 Railway brakers, signallers and shunters
832 Motor vehicle drivers
8321 Motorcycle drivers
8322 Car, taxi and van drivers
8323 Bus and tram drivers
8324 Heavy truck and lorry drivers
833 Agricultural and other mobile plant operators
8331 Motorised farm and forestry plant operators
8332 Earth-moving and related plant operators
8333 Crane, hoist and related plant operators
8334 Lifting-truck operators
834 Ships' deck crews and related workers
8340 Ships' deck crews and related workers
9 Elementary occupations
91 Sales and services elementary occupations
911 Street vendors and related workers
9111 Street vendors
9113 Door-to-door and telephone salespersons
912 Shoe cleaning and other street services elementary occupations
9120 Shoe cleaning and other street services elementary occupations
913 Domestic and related helpers, cleaners and launderers
9131 Domestic helpers and cleaners
9132 Helpers and cleaners in offices, hotels and other establishments
9133 Hand-launderers and pressers
914 Building caretakers, window and related cleaners
9141 Building caretakers
9142 Vehicle, window and related cleaners
915 Messengers, porters, doorkeepers and related workers
9151 Messengers, package and luggage porters and deliverers
9152 Doorkeepers, watchpersons and related workers

9153	Vending-machine money collectors, meter readers and related workers
916	Garbage collectors and related labourers
9161	Garbage collectors
9162	Sweepers and related labourers
92	Agricultural, fishery and related labourers
921	Agricultural, fishery and related labourers
9211	Farm-hands and labourers
9212	Forestry labourers
9213	Fishery, hunting and trapping labourers
93	Labourers in mining, construction, manufacturing and transport
931	Mining and construction labourers
9311	Mining and quarrying labourers
9312	Construction and maintenance labourers: roads, dams and similar constructions
9313	Building construction labourers
932	Manufacturing labourers
9320	Manufacturing labourers
933	Transport labourers and freight handlers
9330	Transport labourers and freight handlers

NACE Rev.1.1

Statistical Classification of Economic Activities in the European Community (2-digit version)

Source: Eurostat.

01	Agriculture, hunting and related service activities
02	Forestry, logging and related service activities
05	Fishing, fish farming and related service activities
10	Mining of coal and lignite; extraction of peat
11	Extraction of crude petroleum and natural gas; service activities incidental to oil and gas extraction, excluding surveying
12	Mining of uranium and thorium ores
13	Mining of metal ores
14	Other mining and quarrying
15	Manufacture of food products and beverages
16	Manufacture of tobacco products
17	Manufacture of textiles
18	Manufacture of wearing apparel; dressing and dyeing of fur
19	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness and footwear
20	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
21	Manufacture of pulp, paper and paper products
22	Publishing, printing and reproduction of recorded media
23	Manufacture of coke, refined petroleum products and nuclear fuel
24	Manufacture of chemicals and chemical products
25	Manufacture of rubber and plastic products
26	Manufacture of other non-metallic mineral products
27	Manufacture of basic metals
28	Manufacture of fabricated metal products, except machinery and equipment
29	Manufacture of machinery and equipment n.e.c.
30	Manufacture of office machinery and computers
31	Manufacture of electrical machinery and apparatus n.e.c.
32	Manufacture of radio, television and communication equipment and apparatus
33	Manufacture of medical, precision and optical instruments, watches and clocks
34	Manufacture of motor vehicles, trailers and semi-trailers
35	Manufacture of other transport equipment
36	Manufacture of furniture; manufacturing n.e.c.
37	Recycling
40	Electricity, gas, steam and hot water supply
41	Collection, purification and distribution of water
45	Construction
50	Sale, maintenance and repair of motor vehicles and motorcycles; retail sale of automotive fuel
51	Wholesale trade and commission trade, except of motor vehicles and motorcycles
52	Retail trade, except of motor vehicles and motorcycles; repair of personal and household goods
55	Hotels and restaurants
60	Land transport; transport via pipelines
61	Water transport
62	Air transport
63	Supporting and auxiliary transport activities; activities of travel agencies
64	Post and telecommunications
65	Financial intermediation, except insurance and pension funding
66	Insurance and pension funding, except compulsory social security
67	Activities auxiliary to financial intermediation
70	Real estate activities
71	Renting of machinery and equipment without operator and of personal and household goods

72	Computer and related activities
73	Research and development
74	Other business activities
75	Public administration and defence; compulsory social security
80	Education
85	Health and social work
90	Sewage and refuse disposal, sanitation and similar activities
91	Activities of membership organizations n.e.c.
92	Recreational, cultural and sporting activities
93	Other service activities
95	Activities of households as employers of domestic staff
96	Undifferentiated goods producing activities of private households for own use
97	Undifferentiated services producing activities of private households for own use
99	Extra-territorial organizations and bodies

ISO 3166-1

Source: International Organization of Standardization.

Transitionally reserved code elements used in ESS3-2006:

01	DDR
02	USSR
03	CZECHOSLOVAKIA
04	YUGOSLAVIA
05	EAST TIMOR

Alien passports:

65	ALIEN PASSPORT

ISO 3166-1

The ISO 3166-1 list states the country names (official short names in English) in alphabetical order as given in ISO 3166-1 and the corresponding ISO 3166-1-alpha-2 code elements. The list was complete and up-to-date as of 2004-04-15.

AF	Afghanistan
AX	Åland islands
AL	Albania
DZ	Algeria
AS	American Samoa
AD	Andorra
AO	Angola
AI	Anguilla
AQ	Antarctica
AG	Antigua and Barbuda
AR	Argentina
AM	Armenia
AW	Aruba
AU	Australia
AT	Austria
AZ	Azerbaijan
BS	Bahamas
BH	Bahrain
BD	Bangladesh
BB	Barbados
BY	Belarus
BE	Belgium
BZ	Belize
BJ	Benin
BM	Bermuda
BT	Bhutan
BO	Bolivia
BA	Bosnia and Herzegovina
BW	Botswana
BV	Bouvet Island
BR	Brazil
IO	British Indian Ocean Territory
BN	Brunei Darussalam
BG	Bulgaria
BF	Burkina Faso
BI	Burundi
KH	Cambodia
CM	Cameroon
CA	Canada
CV	Cape Verde
KY	Cayman Islands
CF	Central African Republic
TD	Chad

CL	Chile
CN	China
CX	Christmas Island
CC	Cocos (Keeling) Islands
CO	Colombia
KM	Comoros
CG	Congo
CD	Congo, The Democratic Republic of the
CK	Cook Islands
CR	Costa Rica
CI	Cote D'Ivoire
HR	Croatia
CU	Cuba
CY	Cyprus
CZ	Czech Republic
DK	Denmark
DJ	Djibouti
DM	Dominica
DO	Dominican Republic
EC	Ecuador
EG	Egypt
SV	El Salvador
GQ	Equatorial Guinea
ER	Eritrea
EE	Estonia
ET	Ethiopia
FK	Falkland Islands (Malvinas)
FO	Faroe Islands
FJ	Fiji
FI	Finland
FR	France
GF	French Guiana
PF	French Polynesia
TF	French Southern Territories
GA	Gabon
GM	Gambia
GE	Georgia
DE	Germany
GH	Ghana
GI	Gibraltar
GR	Greece
GL	Greenland
GD	Grenada
GP	Guadeloupe
GU	Guam
GT	Guatemala
GN	Guinea
GW	Guinea-Bissau
GY	Guyana
HT	Haiti
HM	Heard Island and McDonald Islands
VA	Holy See (Vatican City State)
HN	Honduras
HK	Hong Kong
HU	Hungary
IS	Iceland
IN	India
ID	Indonesia
IR	Iran, Islamic Republic of
IQ	Iraq
IE	Ireland
IL	Israel
IT	Italy
JM	Jamaica

JP	Japan
JO	Jordan
KZ	Kazakhstan
KE	Kenya
KI	Kiribati
KP	Korea, Democratic People's Republic of
KR	Korea, Republic of
KW	Kuwait
KG	Kyrgyzstan
LA	Lao People's Democratic Republic
LV	Latvia
LB	Lebanon
LS	Lesotho
LR	Liberia
LY	Libyan Arab Jamahiriya
LI	Liechtenstein
LT	Lithuania
LU	Luxembourg
MO	Macao
MK	Macedonia, the former Yougoslav Republic of
MG	Madagascar
MW	Malawi
MY	Malaysia
MV	Maldives
ML	Mali
MT	Malta
MH	Marshall Islands
MQ	Martinique
MR	Mauritania
MU	Mauritius
YT	Mayotte
MX	Mexico
FM	Micronesia, Federated States of
MD	Moldova, Republic of
MC	Monaco
MN	Mongolia
MS	Montserrat
MA	Morocco
MZ	Mozambique
MM	Myanmar
NA	Namibia
NR	Nauru
NP	Nepal
NL	Netherlands
AN	Netherlands Antilles
NC	New Caledonia
NZ	New Zealand
NI	Nicaragua
NE	Niger
NG	Nigeria
NU	Niue
NF	Norfolk Island
MP	Northern Mariana Islands
NO	Norway
OM	Oman
PK	Pakistan
PW	Palau
PS	Palestinian Territory, Occupied
PA	Panama
PG	Papua New Guinea
PY	Paraguay
PE	Peru
PH	Philippines
PN	Pitcairn

PL	Poland
PT	Portugal
PR	Puerto Rico
QA	Qatar
RE	Reunion
RO	Romania
RU	Russian Federation
RW	Rwanda
SH	Saint Helena
KN	Saint Kitts and Nevis
LC	Saint Lucia
PM	Saint Pierre and Miquelon
VC	Saint Vincent and The Grenadines
WS	Samoa
SM	San Marino
ST	Sao Tome and Principe
SA	Saudi Arabia
SN	Senegal
CS	Serbia and Montenegro
SC	Seychelles
SL	Sierra Leone
SG	Singapore
SK	Slovakia
SI	Slovenia
SB	Solomon Islands
SO	Somalia
ZA	South Africa
GS	South Georgia and The South Sandwich Islands
ES	Spain
LK	Sri Lanka
SD	Sudan
SR	Suriname
SJ	Svalbard and Jan Mayen
SZ	Swaziland
SE	Sweden
CH	Switzerland
SY	Syrian Arab Republic
TW	Taiwan, Province of China
TJ	Tajikistan
TZ	Tanzania, United Republic Of
TH	Thailand
TL	Timor-Leste
TG	Togo
TK	Tokelau
TO	Tonga
TT	Trinidad and Tobago
TN	Tunisia
TR	Turkey
TM	Turkmenistan
TC	Turks and Caicos Islands
TV	Tuvalu
UG	Uganda
UA	Ukraine
AE	United Arab Emirates
GB	United Kingdom
US	United States
UM	United States Minor Outlying Islands
UY	Uruguay
UZ	Uzbekistan
VU	Vanuatu
VE	Venezuela
VN	Viet Nam
VG	Virgin Islands, British
VI	Virgin Islands, U.S.

WF	Wallis and Futuna
EH	Western Sahara
YE	Yemen
ZM	Zambia
ZW	Zimbabwe

ISO 639-2

Source: Library of Congress.

AAR	Afar
ABK	Abkhazian
ACE	Achinese
ACH	Acoli
ADA	Adangme
AFA	Afro-Asiatic (Other)
AFH	Afrihili
AFR	Afrikaans
AKA	Akan
AKK	Akkadian
ALB	Albanian
ALE	Aleut
ALG	Algonquian languages
AMH	Amharic
ANG	English, Old (ca.450-1100)
APA	Apache languages
ARA	Arabic
ARC	Aramaic
ARM	Armenian
ARN	Araucanian
ARP	Arapaho
ART	Artificial (Other)
ARW	Arawak
ASM	Assamese
AST	Asturian, Bable
ATH	Athapascan languages
AUS	Australian languages
AVA	Avaric
AVE	Avestan
AWA	Awadhi
AYM	Aymara
AZE	Azerbaijani
BAD	Banda
BAI	Bamileke languages
BAK	Bashkir
BAL	Baluchi
BAM	Bambara
BAN	Balinese
BAQ	Basque
BAS	Basa
BAT	Baltic (Other)
BEJ	Beja
BEL	Belarusian
BEM	Bemba
BEN	Bengali
BER	Berber (Other)
BHO	Bhojpuri
BIH	Bihari
BIK	Bikol
BIN	Bini
BIS	Bislama
BLA	Siksika
BNT	Bantu (Other)
BOS	Bosnian
BRA	Braj
BRE	Breton
BTK	Batak (Indonesia)
BUA	Buriat
BUG	Buginese

BUL	Bulgarian
BUR	Burmese
CAD	Caddo
CAI	Central American Indian (Other)
CAR	Carib
CAT	Catalan
CAU	Caucasian (Other)
CEB	Cebuano
CEL	Celtic (Other)
CHA	Chamorro
CHB	Chibcha
CHE	Chechen
CHG	Chagatai
CHI	Chinese
CHK	Chuukese
CHM	Mari
CHN	Chinook jargon
CHO	Choctaw
CHP	Chipewyan
CHR	Cherokee
CHU	Old/Church Slavic, Slavonic, Bulgarian
CHV	Chuvash
CHY	Cheyenne
CMC	Chamic languages
COP	Coptic
COR	Cornish
COS	Corsican
CPE	Creoles and pidgins, English-based (Other)
CPF	Creoles and pidgins, French-based (Other)
CPP	Creoles and pidgins, Portuguese-based (Other)
CRE	Cree
CRP	Creoles and pidgins(Other)
CUS	Cushitic (Other)
CZE	Czech
DAK	Dakota
DAN	Danish
DAY	Dayak
DEL	Delaware
DEN	Slave (Athapascan)
DGR	Dogrib
DIN	Dinka
DIV	Divehi
DOI	Dogri
DRA	Dravidian (Other)
DUA	Duala
DUM	Dutch, Middle (ca. 1050-1350)
DUT	Dutch
DYU	Dyula
DZO	Dzongkha
EFI	Efik
EGY	Egyptian (Ancient)
EKA	Ekajuk
ELX	Elamite
ENG	English
ENM	English, Middle (1100-1500)
EPO	Esperanto
EST	Estonian
EWE	Ewe
EWO	Ewondo
FAN	Fang
FAO	Faroese
FAT	Fanti
FIJ	Fijian
FIN	Finnish

FIU	Finno-Ugrian (Other)
FON	Fon
FRE	French
FRM	French, Middle (ca.1400-1600)
FRO	French, Old (842-ca.1400)
FRY	Frisian
FUL	Fulah
FUR	Friulian
GAA	Ga
GAY	Gayo
GBA	Gbaya
GEM	Germanic (Other)
GEO	Georgian
GER	German
GEZ	Geez
GIL	Gilbertese
GLA	Gaelic Scottish
GLE	Irish
GLG	Gallegan
GLV	Manx
GMH	German, Middle High (ca.1050-1500)
GOH	German, Old High (ca.750-1050)
GON	Gondi
GOR	Gorontalo
GOT	Gothic
GRB	Grebo
GRC	Greek, Ancient (to 1453)
GRE	Greek, Modern (1453-)
GRN	Guarani
GUJ	Gujarati
GWI	Gwich´in
HAI	Haida
HAU	Hausa
HAW	Hawaiian
HEB	Hebrew
HER	Herero
HIL	Hiligaynon
HIM	Himachali
HIN	Hindi
HIT	Hittite
HMN	Hmong
HMO	Hiri Motu
HUN	Hungarian
HUP	Hupa
IBA	Iban
IBO	Igbo
ICE	Icelandic
IDO	Ido
IJO	Ijo
IKU	Inuktitut
ILE	Interlingue
ILO	Iloko
INA	Interlingua (International Auxiliary Language Association)
INC	Indic (Other)
IND	Indonesian
INE	Indo-European (Other)
IPK	Inupiaq
IRA	Iranian (Other)
IRO	Iroquoian languages
ITA	Italian
JAV	Javanese
JPN	Japanese
JPR	Judeo-Persian
JRB	Judeo-Arabic

KAA	Kara-Kalpak
KAB	Kabyle
KAC	Kachin
KAL	Kalaallisut
KAM	Kamba
KAN	Kannada
KAR	Karen
KAS	Kashmiri
KAU	Kanuri
KAW	Kawi
KAZ	Kazakh
KHA	Khasi
KHI	Khoisan (Other)
KHM	Khmer
KHO	Khotanese
KIK	Kikuyu
KIN	Kinyarwanda
KIR	Kirghiz
KMB	Kimbundu
KOK	Konkani
KOM	Komi
KON	Kongo
KOR	Korean
KOS	Kosraean
KPE	Kpelle
KRO	Kru
KRU	Kurukh
KUA	Kuanyama
KUM	Kumyk
KUR	Kurdish
KUT	Kutenai
LAD	Ladino
LAH	Lahnda
LAM	Lamba
LAO	Lao
LAT	Latin
LAV	Latvian
LEZ	Lezghian
LIN	Lingala
LIT	Lithuanian
LOL	Mongo
LOZ	Lozi
LTZ	Luxembourgish, Letzeburgesch
LUA	Luba-Lulua
LUB	Luba-Katanga
LUG	Ganda
LUI	Luiseno
LUN	Lunda
LUO	Luo (Kenya and Tanzania)
LUS	Lushai
MAC	Macedonian
MAD	Madurese
MAG	Magahi
MAH	Marshallese
MAI	Maithili
MAK	Makasar
MAL	Malayalam
MAN	Mandingo
MAO	Maori
MAP	Austronesian (Other)
MAR	Marathi
MAS	Masai
MAY	Malay
MDR	Mandar

MEN	Mende
MGA	Irish, Middle (900-1200)
MIC	Micmac
MIN	Minangkabau
MIS	Miscellaneous languages
MKH	Mon-Khmer (Other)
MLG	Malagasy
MLT	Maltese
MNC	Manchu
MNI	Manipuri
MNO	Manobo languages
MOH	Mohawk
MOL	Moldavian
MON	Mongolian
MOS	Mossi
MUL	Multiple languages
MUN	Munda languages
MUS	Creek
MWR	Marwari
MYN	Mayan languages
NAH	Nahuatl
NAI	North American Indian (Other)
NAU	Nauru
NAV	Navaho
NBL	Ndebele, South
NDE	Ndebele, North
NDO	Ndonga
NDS	Low German, Saxon
NEP	Nepali
NEW	Newari
NIA	Nias
NIC	Niger-Kordofanian (Other)
NIU	Niuean
NNO	Norwegian Nynorsk
NOB	Norwegian Bokmål
NON	Norse, Old
NOR	Norwegian
NSO	Sotho, Northern
NUB	Nubian languages
NYA	Chewa, Chichewa, Nyanja
NYM	Nyamwezi
NYN	Nyankole
NYO	Nyoro
NZI	Nzima
OCI	Provençal, Occitan (post 1500)
OJI	Ojibwa
ORI	Oriya
ORM	Oromo
OSA	Osage
OSS	Ossetian
OTA	Turkish, Ottoman (1500-1928)
OTO	Otomian languages
PAA	Papuan (Other)
PAG	Pangasinan
PAL	Pahlavi
PAM	Pampanga
PAN	Panjabi
PAP	Papiamento
PAU	Palauan
PEO	Persian, Old (ca.600-400)
PER	Persian
PHI	Philippine (Other)
PHN	Phoenician
PLI	Pali

POL	Polish
PON	Pohnpeian
POR	Portuguese
PRA	Prakrit languages
PRO	Provençal, Old (to 1500)
PUS	Pushto
QAA	Local language, Italy
QUE	Quechua
RAJ	Rajasthani
RAP	Rapanui
RAR	Rarotongan
ROA	Romance (Other)
ROH	Raeto-Romance
ROM	Romany
RUM	Romanian
RUN	Rundi
RUS	Russian
SAD	Sandawe
SAG	Sango
SAH	Yakut
SAI	South American Indian (Other)
SAL	Salishan languages
SAM	Samaritan Aramaic
SAN	Sanskrit
SAS	Sasak
SAT	Santali
SCC	Serbian
SCO	Scots
SCR	Croatian
SEL	Selkup
SEM	Semitic (Other)
SGA	Irish, Old (to 900)
SGN	Sign languages
SHN	Shan
SID	Sidamo
SIN	Sinhalese
SIO	Siouan languages
SIT	Sino-Tibetan (Other)
SLA	Slavic (Other)
SLO	Slovak
SLV	Slovenian
SMA	Southern Sami
SME	Northern Sami
SMI	Sami languages (Other)
SMJ	Lule Sami
SMN	Inari Sami
SMO	Samoan
SMS	Skolt Sami
SNA	Shona
SND	Sindhi
SNK	Soninke
SOG	Sogdian
SOM	Somali
SON	Songhai
SOT	Sotho, Southern
SPA	Spanish, Castilian
SRD	Sardinian
SRR	Serer
SSA	Nilo-Saharan (Other)
SSW	Swati
SUK	Sukuma
SUN	Sundanese
SUS	Susu
SUX	Sumerian

SWA	Swahili
SWE	Swedish
SYR	Syriac
TAH	Tahitian
TAI	Tai (Other)
TAM	Tamil
TAT	Tatar
TEL	Telugu
TEM	Timne
TER	Tereno
TET	Tetum
TGK	Tajik
TGL	Tagalog
THA	Thai
TIB	Tibetan
TIG	Tigre
TIR	Tigrinya
TIV	Tiv
TKL	Tokelau
TLI	Tlingit
TMH	Tamashek
TOG	Tonga (Nyasa)
TON	Tonga (Tonga Islands)
TPI	Tok Pisin
TSI	Tsimshian
TSN	Tswana
TSO	Tsonga
TUK	Turkmen
TUM	Tumbuka
TUP	Tupi languages
TUR	Turkish
TUT	Altaic (Other)
TVL	Tuvalu
TWI	Twi
TYV	Tuvinian
UGA	Ugaritic
UIG	Uighur
UKR	Ukrainian
UMB	Umbundu
UND	Undetermined
URD	Urdu
UZB	Uzbek
VAI	Vai
VEN	Venda
VIE	Vietnamese
VOL	Volapük
VOT	Votic
WAK	Wakashan languages
WAL	Walamo
WAR	Waray
WAS	Washo
WEL	Welsh
WEN	Sorbian languages
WLN	Walloon
WOL	Wolof
XHO	Xhosa
YAO	Yao
YAP	Yapese
YID	Yiddish
YOR	Yoruba
YPK	Yupik languages
ZAP	Zapotec
ZEN	Zenaga
ZHA	Zhuang, Chuang

ZND	Zande
ZUL	Zulu
ZUN	Zuni

ESS Education Standards:

Highest level of education, EDULVLA:

(Based on ISCED-97, categories 0 - 1, and 5 - 6 are collapsed)

Coding frame

0 - Not possible to harmonise into 5-level ISCED
1 - Less than lower secondary education (ISCED 0-1)
2 - Lower secondary education completed (ISCED 2)
3 - Upper secondary education completed (ISCED 3)
4 - Post-secondary non-tertiary education completed (ISCED 4)
5 - Tertiary education completed (ISCED 5-6)
55 - Other

Highest level of education, EISCED:

(European survey version of ISCED-97, ES-ISCED)

Coding frame

0 - Not possible to harmonise into ES-ISCED
1 - ES-ISCED I, less than lower secondary
2 - ES-ISCED II, lower secondary
3 - ES-ISCED IIIb, upper secondary, vocational or no access V1
4 - ES-ISCED IIIa, upper secondary, genral and/or access to V1
5 - ES-ISCED IV, advanced vocational, sub-degree
6 - ES-ISCED V1, lower tertiary education, BA level
7 - ES-ISCED V2, higher tertiary education, >= MA level
55 - Other